



CP-CHO Perfusion Medium Inspired by Quality

Medium for Amplification and Expression

Perfusion Medium for Amplification and Expression

CP-CHO Perfusion Medium

General Information

In the biopharmaceutical industry there is an ever-present drive to increase product yield and to reduce costs. Continuous manufacturing has therefore been increasingly accepted in the past decade. As a well recognized method for continuous production of monoclonal antibodies and recombinant proteins in Chinese hamster ovary (CHO) cells, perfusion processes are widely implemented in the biopharmaceutical industry.

CP-CHO, a co-development between Capricorn Scientific and our experienced industrial partner, resulted in an efficient solution.

CP-CHO is protein-free and free of any animal derived substances. The medium was designed as a cost-effective and efficient solution to meet the needs of the industrial sector.

CP-CHO supports a uniform and sustained protein quality from small bioreactors to large scale production.

Quality under Control

We provide full transparency, traceability and documentation of the raw materials in use. The medium is manufactured under GMP guidelines. We ensure a safe supply and short lead times.

- Protein-free
- Batch to batch control by NMR
- Chemicals align to Ph. Eur.
- Reliable sources of raw materials



Highest Expression & Cell Densities

Advantages

With CP-CHO we designed an efficient and cost-effective perfusion medium for continuous biomanufacturing. The medium provides a balanced nutrient level and high productivity at low perfusion rates.

- Product stability and integrity
- Easy scalable
- Decrease of operating costs
- Available in various packaging systems

Application

Capricorn's Perfusion Medium CP-CHO is highly suitable for amplification and expression in a variety of industrial CHO cells.

The product has been proven successful in a broad set of systems, from small scale to large scale fermenters, hollow fiber system as well as wave systems.

- Continuous process in cell culture
- Validated for a variety of CHO cell lines
- Improves product quality and activity
- Minimizes toxic side effect during production

Ordering Information

Product	Vol.	Cat. No.
CP-CHO Medium Protein-free CHO Medium with 6 mM L-Glutamine, with Ferric Citrate, with HEPES, with Pluronic™	500 mL	CP-CHO-S-500ML
CP-CHO Powder Medium Protein-free CHO-Medium with 6 mM L-Glutamine, with Ferric Citrate, with HEPES, with Pluronic™, w/o Sodium Bicarbonate	10 L	CP-CHO-S-P10
Insulin human recombinant Solution (5 mg/ml)	5 ml	INS-K

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